

TITLE

GENES INVOLVED IN ISOPRENOID COMPOUND PRODUCTION

ABSTRACT OF THE DISCLOSURE

Genes have been isolated from *Methylomonas 16a sp.* encoding the isoprenoid biosynthetic pathway. The genes and gene products are the first isolated from a *Methylomonas* strain that is capable of utilizing single carbon (C1) substrates as energy sources. The genes and gene products of the present invention may be used in a variety of ways for the production of isoprenoid compounds in a variety of organisms.

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SNF/dmm